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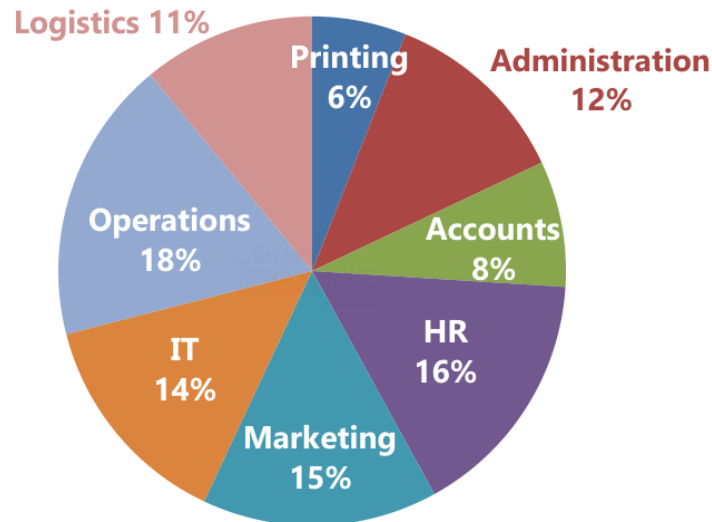
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Date Interpretation Pie Chart Questions for Bank PO Pre Exams.

DI Pie Chart Quiz 10

Directions: Study the following graph carefully & answer the questions given below it.

Total Number of Employees = 2500



Male and Female Ratio		
Department	Male	Female
Administration	7	5
Accounts	2	3
HR	5	3
Marketing	7	8
IT	3	4
Operations	5	4
Logistics	6	5
Printing	2	1

1. What is the ratio between male employees in Administration and Printing Departments respectively?

- A. 7 : 4 B. 4 : 7 C. 3 : 4 D. 7 : 3 E. None of these

2. What is the difference between total number of employees in IT and Operations Departments?

- A. 75 B. 150 C. 100 D. 50 E. None of these

3. What is the ratio between total number of males in HR and Marketing and the total number of females in these two departments respectively?

- A. 13 : 15 B. 15 : 13 C. 13 : 17 D. 17 : 14 E. None of these

4. How many female employees are there in Accounts Department?

- A. 250 B. 120 C. 125 D. 150 E. None of these

5. What is the difference between the male and female employees in Logistics Departments?

- A. 50 B. 25 C. 75 D. 100 E. None of these



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Correct Answers:

1	2	3	4	5
A	C	D	B	B

Explanations:

1. Male employees in Administration

$$= \frac{7}{12} \text{ of } 12\% \text{ of total employees}$$

Male employees in Printing

$$= \frac{2}{3} \text{ of } 6\% \text{ total employees}$$

$$\therefore \text{Ratio} = \frac{\frac{7}{12} \times 12\% \times \text{total employees}}{\frac{2}{3} \times 6\% \times \text{total employees}}$$

$$= \frac{14}{12} \times \frac{3}{2} = 7 : 4.$$

Hence, option A is correct.

2. Required difference = $2500 \times (18 - 14) \%$

$$= \frac{2500 \times 4}{100} = 100.$$

Hence, option C is correct.

3. Total employees in HR = 16% of total employees

$$= \frac{16}{100} \times 2500 = 400.$$

$$\text{Employees in HR} = \frac{5}{8} \times 400 = 250$$

$$\text{Female employees in HR} = 400 - 250 = 150.$$

Similarly,

Total employees in Marketing = 15% of total employees

$$= \frac{15}{100} \times 2500 = 375$$

$$\text{Male employees in Marketing} = \frac{7}{15} \times 375 = 175.$$

$$\text{Female employees in Marketing} = 375 - 175 = 200.$$

$$\therefore \text{Required ratio} = (250 + 175) : (150 + 200)$$

$$\Rightarrow 425 : 350 \Rightarrow 17 : 14.$$

Hence, option D is correct.

4. Total female employees in Accounts

= $\frac{3}{5}$ of 8% of total employees

$$= \frac{3}{5} \times \frac{8}{100} \times 2500 = 120.$$

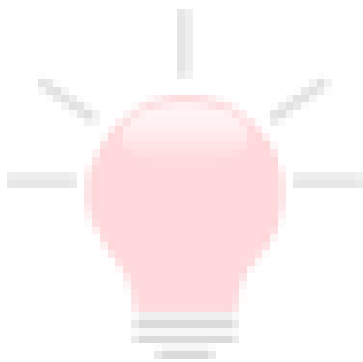
Hence, option B is correct.

5. Difference between male and female in Logistics department

$$= \frac{6}{11} \times \frac{11}{100} \times 2500 - \frac{5}{11} \times \frac{11}{100} \times 2500$$

$$= 150 - 125 = 25.$$

Hence, option B is correct.



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